



State  
Veterinary  
Administration

# Highly Pathogenic Avian Influenza in Czechia

SCoPAFF meeting, 15 – 16 December 2022

# HPAI in the Czech Republic

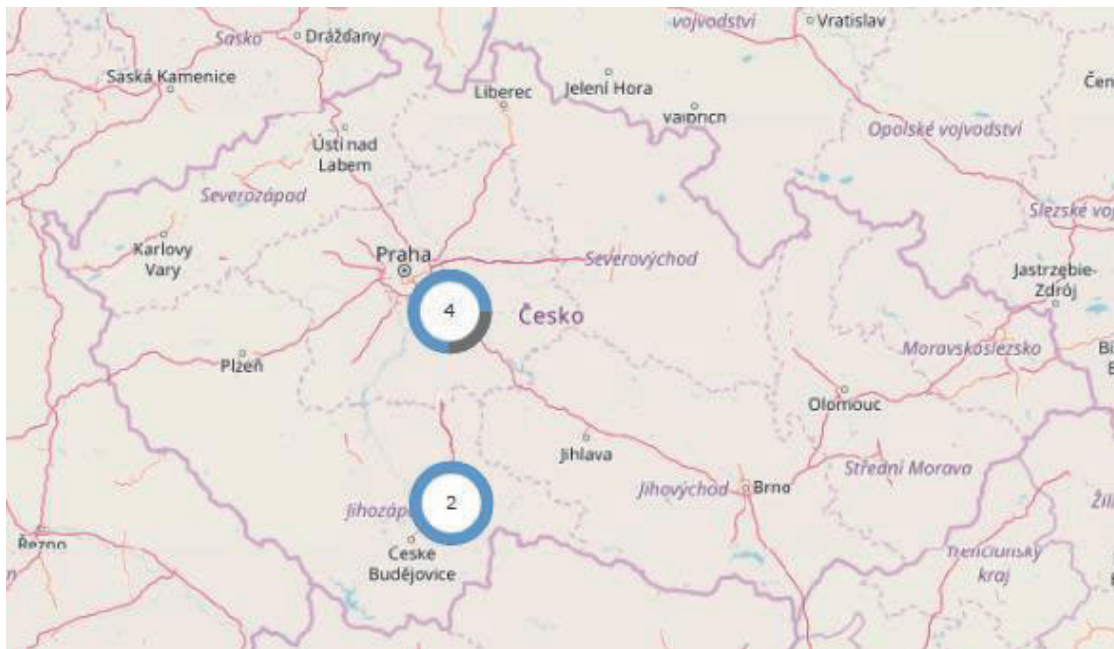
**6 new HPAI outbreaks in poultry after seven months without occurrence of HPAI in the Czech Republic (last occurrence in April 2022)**

No HPAI positive wild birds since February 2022

➤ **POULTRY**

**6 HPAI H5N1 outbreaks in two regions: 5 backyards and 1 commercial holding**

- *South Bohemian Region (2 outbreaks)*
- *Central Bohemian Region (4 outbreaks)*

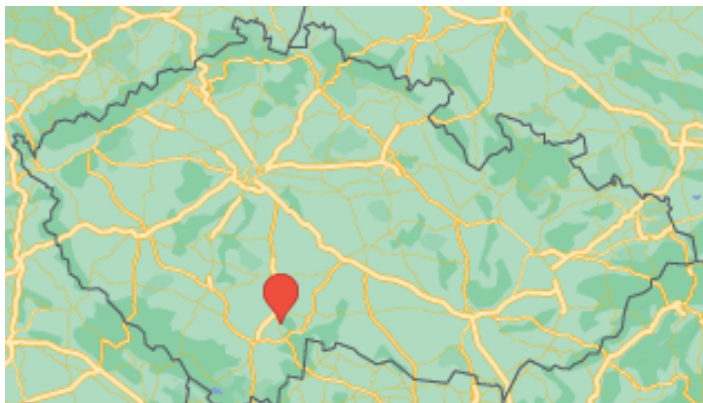





# Situation in poultry

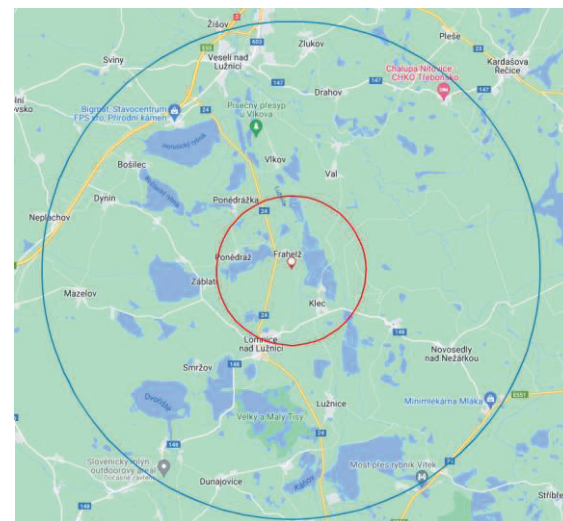
## COMMERCIAL HOLDING

### Outbreak No. 2022/11, South Bohemian Region

- commercial holding of **fattening ducks** with approx. 18 000 birds
- a higher mortality of birds, clinical signs (drop in feed and water intake, apathy, nervous symptoms, diarrhea)
- AI H5N1 confirmed on 1 December 2022, HPAI on 2 December 2022
- restricted zone established on 2 December 2022
- culling of remaining ducks (approx. 16 000 birds), disposal of carcasses, preliminary cleaning and disinfection on 5 December 2022
- **no animals have been moved from the outbreak to other Member States or Non-EU countries in the relevant 21 days before the confirmation of the outbreak**
- source of infection: unknown (area with a large number of ponds, most probable indirect contact with wild birds)



-  outbreak
-  protection zone (3 km)
-  surveillance zone (10 km)



# Situation in poultry

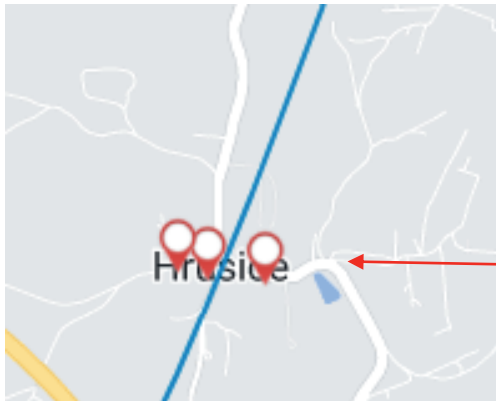
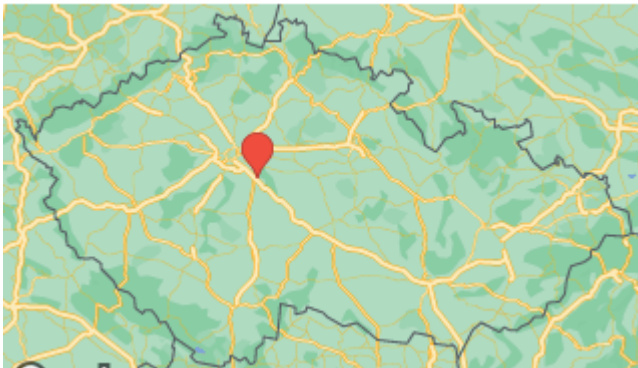
## BACKYARDS

### Outbreaks No. 2022/12, 2022/13, 2022/14, 2022/16, *Central Bohemian Region*

- 3 backyard flocks in the same village:
  - **No. 2022/12** – 54 birds (45 laying hens, 7 geese, 2 turkeys)
  - **No. 2022/13** – 97 birds (69 laying hens, 22 ducks, 6 geese)
  - **No. 2022/16** – 40 birds (24 laying hens, 14 turkeys, 2 geese)
- contact backyard flock to the outbreak No. 2022/12 (movement of birds):
  - **No. 2022/14 (secondary outbreak)** – 45 laying hens
- poultry products for private use only
- a higher mortality of birds, clinical signs (apathy, diarrhea, respiratory symptoms)
- No. 2022/12–14: AI H5N1 confirmed on 9 December 2022, HPAI on 12 December 2022
- No. 2022/16: AI H5N1 confirmed on 11 December 2022, HPAI on 12 December 2022
- culling of remaining birds, disposal of carcasses and poultry products, preliminary cleaning and disinfection on 10 December 2022
- **common restricted zone** established on 9 December 2022
- source of infection: unknown (outdoor keeping, contact with wild birds can not be excluded), movement of birds

# Common restricted zone around outbreaks

## No. 2022/12–14 and 2022/16 – Central Bohemian Region and Capital City of Prague (surveillance zone)



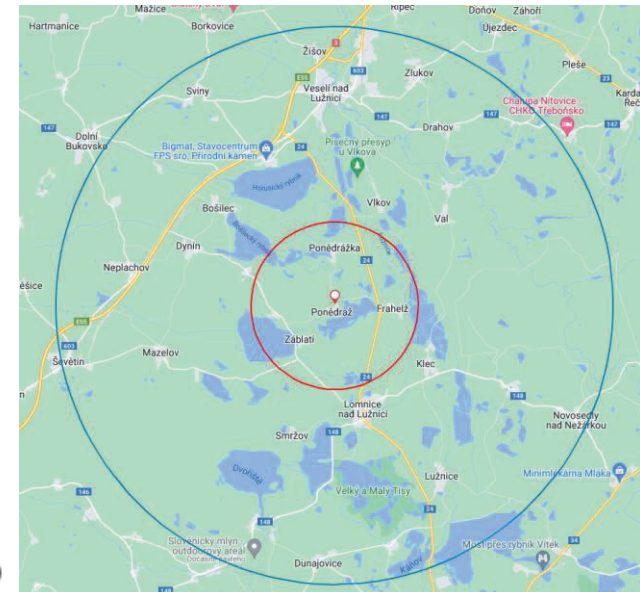
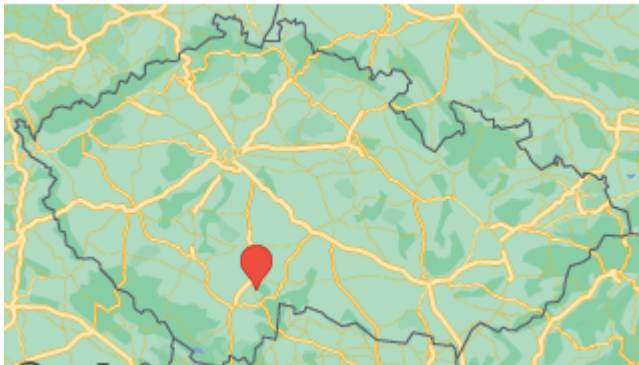
- 📍 outbreak
- 🔴 protection zone (3 km)
- 🔵 surveillance zone (10 km)




# Situation in poultry

## BACKYARDS

### Outbreak No. 2022/15, South Bohemian Region

- backyard flock with 68 birds (55 chickens, 13 ducks)
- poultry products for private use only
- **located in the protection zone of the HPAI outbreak No. 2022/11**
- a higher mortality of birds, clinical signs (drop in feed and water intake, drop in egg production)
- AI H5N1 confirmed on 10 December 2022, HPAI on XX December 2022
- culling of all remaining birds, disposal of carcasses and poultry products, preliminary cleaning and disinfection on December 2022
- source of infection: unknown (outdoor keeping, contact with wild birds can not be excluded)



-  outbreak
-  protection zone (3 km)
-  surveillance zone (10 km)

## Control measures in outbreaks and restricted zones

State Veterinary Administration have implemented all measures foreseen in Commission Delegated Regulation (EU) 2020/687 of 17 December 2019 supplementing Regulation (EU) 2016/429 of the European Parliament and the Council, as regard rules for the prevention and control of certain listed diseases.

## Veterinary measures on the whole territory of the Czech Republic

*On 13 December 2022 the State Veterinary Administration has issued a “housing order” so that poultry in general has to be kept indoor due to the increasing risk of HPAI.*

*The compulsory housing order require all poultry to be housed indoors to protect the poultry from contact with wild birds. The housing order applies to the whole country and to all categories of poultry with certain exemptions for animal welfare reasons.*

**Thank you  
for your attention**